

DRY LAMINATED BUSINESS CARD SHEET CONSTRUCTION

Abstract of the Disclosure

A low density polyethylene film layer is extrusion coated on densified bleached kraft paper liner to form a film-coated liner sheet. A facestock sheet is adhered with a layer of hot melt adhesive to the film layer to form a laminate sheet web, which is rolled on a roll. The facestock sheet, the film layer and the adhesive layer together define a laminate feedstock. The roll is transported to and loaded on a press with the liner side up. One (or both) edge(s) of the web is (are) crushed with a calendering die to form thin lead-in edge(s). The web is die cut on the bottom face, up through the laminate facestock, but not through the paper liner, to form the perimeters of a grid of blank business cards or other printable media, with a waste paper frame of the laminate facestock encircling the grid. The web is then die cut from the top through the paper liner and to but not through the laminate facestock, to form liner strips covering the back face of the laminate facestock. According to one preferred embodiment of the invention, alternate ones of the strips are then pulled off of the laminate facestock web. A final production step is to sheet the web to form the desired sheet width (or length) of the laminated sheet construction. The individual laminated business card sheets can be stacked into the infeed tray of an ink jet printer for example, and the sheets individually and automatically fed lead-in edge first into the printer and a printing operation performed on each of the printable media, to form a sheet of printed media. The remaining strips on the back of the laminate facestock cover the lateral cut lines in the laminate facestock and thereby hold the facestock together as it is fed into and passed through the printer. The user then individually peels the printed media off of the strips and out from the waste paper frame. Thereby printed business cards (or other printed media), each with its entire perimeter defined by clean die cuts, are formed. Instead of calendering both edges of the web and thus the sheet, one end can be calendered and a strip of the laminate facestock can be stripped off of the liner sheet from the other end. The remaining thin liner sheet strip at the other end forms a thin infeed edge for feeding into a horizontal feed, ink jet printer.